



University of Waterloo
June 7th-9th 2019

Abstract Database Tool

All CSBBCS abstracts have been entered into a database that allows attendees to search abstracts to find semantically similar ones: <https://crumplab.shinyapps.io/CSBBCS2019/>

At-a-Glance Schedule of Presentations & Events

Friday June 7th

Pre-Conference Workshop: 8:30am – 2pm

Federation Hall, Westmount room: *Introduction to Brain Modeling with the Neural Engineering Framework (NENGO)*

Women in Cognitive Science Speaker session: 1:30pm – 3:30pm

Federation Hall, Main room: *Demystifying Skill Development, Panel and Mentoring reception*

Vincent Di Lollo Early Career Award Speaker: 3:30pm – 4:20pm

Federation Hall, Main room: Dr. Signy Sheldon, McGill University

The Dynamic Nature of Autobiographical Memory Retrieval

President's Invited Keynote Address: 4:20pm – 5:30pm

Federation Hall, Main room: Dr Marcel Just, Carnegie Mellon University

The new science of thought imaging: Using machine learning to break the brain's code for representing concepts

Poster Session #1 & Welcome Reception: 5:30pm – 7pm

Federation Hall, Columbia Room: Listing of posters is below

Music Night: 7pm – 10pm

Federation Hall, Main room: bands performing!

Saturday June 8th

STC = Science Teaching Complex, University of Waterloo; * = candidate for Hebb Best Talk or Hebb Best Poster Award

Breakfast 8:30am – 10:30am in STC lower level

Speaker Session #1: Saturday June 8, 8:30am – 9:30am

| | STC 0010 Perception Chair: Pierre Jolicoeur | STC 0020 Cognitive Neuroscience Chair: Roxane Itier | STC 0040 Attention Chair: James Danckert | STC 0050 Decision Making Chair: Jonathan Fugelsang | STC 0060 Memory Chair: Myra Fernandes |
|--------|---|--|--|--|--|
| 8:30am | 1-01: Simal Signal informativeness modulates human... | 1-05: Parkington Typical holistic face and feature... | * 1-09: Abuleil Sparking Change: Modulation of... | 1-13 Turpin Why we Hate Utilitarians: the Search for Predictable... | 1-17: Thavabalasingam A matter of time: Representations of... |
| 8:45 | 1-02: Sheldon Effects of random fluctuations in... | * 1-06: Donkor Primary visual cortex transcranial... | * 1-10: Chow Hidden but not unseen: interocular... | 1-14: Soro Logical reasoning of consumers and the... | *1-18: Yeung From tea cakes to trauma: Bridging gaps... |
| 9:00 | 1-03: Drisdelle ICA can correct saccades in attention... | 1-07: Striemer Visuomotor adaptation in the absence of... | 1-11: Song Does the near/far effect on target... | 1-15: Gabert Easy on the ears? A processing study... | |
| 9:15 | 1-04: Guo EEG representational dissimilarity... | *1-08: McCrackin Putting the “eyes” in empathising: ... | 1-12: Haponenko Divided visual attention in depth: A... | *1-16: Walker The Good, the Bad, and the Manipulative... | 1-20: Belchev The human dentate gyrus is critical for... |

Speaker Session #2: Saturday June 8, 9:30am – 10:30am

| | STC 0010 Attention Chair: Derek Besner | STC 0020 Decision Making Chair: Michal Bialek | STC 0040 Language Chair: Katherine White | STC 0050 Metacognition Chair: | STC 0060 Concepts Chair: |
|--------|---|--|--|---|---|
| 9:30am | 2-01: Klein Inhibition of return is suffering from... | 2-05: Collins Methods for Improving Probability... | 2-09: Spinelli Learning to assign stress in a second... | 2-13: Doyle The metamemory behaviors used during an... | 2-17: Al-Azary Semantic Effects on Novel Conceptual... |
| 9:45 | 2-02: Go Eye movements and mental model... | *2-06: Turpin The Environmental Malleability of Base... | 2-10: Shiu Can a listener’s race and accent affect... | 2-14: Tozios Improving metacognitive accuracy of... | 2-18: Kelly Indirect associations in learning... |
| 10:00 | *2-03: Goulet The Fast-Same Effect of an Exclusive-OR... | 2-07: Bialek Sunk-cost in moral decisions... | 2-11: Jouravlev Native language processing is... | *2-15: Stewart Thinking Hard or Hardly Thinking? An... | 2-19: Lansue Characterizing semantic neighbourhoods... |
| 10:15 | 2-04: Besner Another look at eye gaze discrimination... | *2-08: Muda Processing in a foreign language... | 2-12: Poitras Bilingual processing costs in L1... | 2-16: Loehr “We did it together and we did it... | 2-20: Lott Phone Use and Self... |

Break 10:30-10:45am coffee/tea in STC lower level

Speaker Session #3: Saturday June 8, 10:45am – 12 noon

| | STC 0010 Cognitive Neuroscience Chair: Roxane Itier | STC 0020 Attention Chair: Evan Risko | STC 0040 Symposium 1-1 | STC 0050 Symposium 1-2 | STC 0060 Symposium 1-3 |
|---------|--|--|--|--|---|
| 10:45am | 3-01: Demetri The Role of Post-Encoding Retrieval on... | 3-06: Acai Monitoring mind wandering during live... | Boredom: Beyond a search for meaning Meagher Britton Moynihan Hunter | On the capacity and resolution of visual cognition: Using neural and behavioural evidence to examine the limits of information processing Feltmate Lockhart Sheldon Dube | Memory in the Wild Rosenbaum Robin Sheldon Köhler |
| 11:00 | 3-02: Foo Visuospatial Navigation Strategies as... | *3-07: Petranker Sitting with it: Mindfulness, Sustained... | | | |
| 11:15 | 3-03: Hicks “What a view!”; The influence of... | 3-08: Walker Mind-wandering in a driving context: A... | | | |
| 11:30 | 3-04: Grant An assessment of diverse urban and... | 3-09: Plourde Influence of the context and working... | | | |
| 11:45 | 3-05: Weech The role of sensorimotor recalibration... | *3-10: Smith Attentional pacing: How the expectation... | | | |

Lunch Noon-1pm: Box lunches in STC lower level

Poster Session #2: Saturday June 8, 12:45pm – 2:15pm

Science Teaching Complex, Atrium: Listing of posters is below

Speaker Session #4: Saturday June 8, 2:15pm – 3:45pm

| | STC 0010 Learning Chair: Weimin Mou | STC 0020 Cognition & Learning Chair: Jamie Campbell | STC 0040 Memory Chair: Kathleen Hourihan | STC 0050 Social Cognition Chair: Lana Trick | STC 0060 Memory Chair: Colin MacLeod |
|--------|--|--|--|--|--|
| 2:15pm | 4-01: Gheidi Evidence of sign- and goal-tracking... | 4-07: Nair Assessing the effectiveness of... | 4-13: Davis Selective attention and visual... | 4-19: Saryazdi Perspective taking while conversing... | 4-25: MacLeod Zeigarnik and von Restorff: The memory... |
| 2:30 | 4-02: Fortin-Guichard Which perceptual-cognitive skills can... | 4-08: Campbell Not towing the mental number line for... | 4-14: Gurguryan Pushing boundaries: The influence of... | 4-20: Latif Social cues in interactions with... | 4-26: Todorovic Production benefits studying texts for... |
| 2:45 | *4-03: Fortin-Guichard Selective attention and decision making... | 4-09: Newsome Is it better to study before or after... | 4-15: Lansue Oh forget it: Remembering associations... | 4-21: Capozzi Standing out from the crowd: Both... | 4-27: Willoughby The pupillometric production effect: ... |
| 3:00 | 4-04: Tranchant Role of Expertise on Individual... | 4-10: Sharma Optimizing the use of Learning... | 4-16: Hourihan It's easier to forget what you want... | 4-22: Allidina Stereotype maintenance through... | 4-28: Nantais Exploring cognitive maps using sketch... |
| 3:15 | 4-05: Martin Conceptual similarities between targets... | 4-11: McGowan Aerobic fitness and arithmetic... | *4-17: Tan Exploring the Impact of Conflicting... | 4-23: Jenkins Salience of racial distinctiveness... | 4-29: Meade Drawing Pictures at Encoding Enhances... |

| | | | | | |
|------|--|--|--|--|---|
| 3:30 | 4-06: Mou Updating humans' headings in 3D and... | *4-12: Roberts Re-evaluating the influence of... | *4-18: Kelly The Effects of Offloading... | 4-24: Dodwell Do drivers with high scores on an... | 4-30: Scheurich Recalling the perceptual elements of... |
|------|--|--|--|--|---|

Break 3:45pm – 4:05pm coffee/tea/snacks in STC lower level

Speaker Session #5: Saturday June 8, 4:05pm - 5:20pm

| | STC 0010 Perception Chair: Steve Lupker | STC 0020 Individual Differences Chair: Erin Maloney | STC 0040 Attention Chair: Daniel Smilek | STC 0050 Symposium 5-1 | STC 0060 Symposium 5-2 |
|--------|--|---|--|--|--|
| 4:05pm | 5-01: Clancy On the stimulus-linked affective... | 5-06: Gagnon-St-Pierre The dual strategy model in social... | *5-11: Pereira Within-individual oscillatory patterns... | Encoding our world: Exploring the nature and flexibility of representations Forest Mack Mur Wammes | Reasoning and Metareasoning: What Makes Us Think Analytically? Pennycook Newman Brisson Thompson |
| 4:20 | 5-02: Spinelli Proportion Congruent effects do have... | 5-07: Retanal The role of the need for cognition and... | *5-12: Harrison The Wandering Eye: A tool for the... | | |
| 4:35 | 5-03: Smith What colour is under? Modelling the ebb... | 5-08: Voyer Sex Differences in curve... | *5-13: Marty-Dugas Focus on your breath? The influence of... | | |
| 4:50 | *5-04: Asare Red Strengthens Response Inhibition... | 5-09: Storozuk Spatial processes and performance on... | 5-14: Caron Are standing desks as outstanding as... | | |
| 5:05 | 5-05: Siddhpuria Cueing color imagery: A critical... | 5-10: Penner How to index subitizing performance:... | 5-15: Gorelik The Cognitive Causes of Trait Boredom... | | |

D.O. Hebb Award Tribute for Dr. Doug Mewhort: Saturday June 8, 5:20pm-6:05pm

STC 1012 – Dr. Elizabeth Johns, *Queen's University*

Dr. Michael Jones, *Indiana University*

CSBBCS Banquet: Saturday June 8, 6:30pm-9pm

Federation Hall - Welcome drinks: 6:30pm-7pm

Dinner served: 7pm

Sunday June 9th

Breakfast in STC lower level 8:30am – 10:30am

Poster Session #3: Sunday June 9, 8:45am-10:15am

Science Teaching Complex, Atrium: Listing of posters is below

Speaker Session #6: Sunday June 9, 10:15am – 11:30am

| | STC 0010 Memory Chair: Britt Anderson | STC 0020 Methods and Models Chair: Bryan Tripp | STC 0040 Cognitive Neuroscience Chair: James Dankert | STC 0050 Symposium 6-1 | STC 0060 Symposium 6-2 |
|---------|---|--|--|---|---|
| 10:15am | 6-01: Dykens Failed it: Using event-related spectral... | 6-06: Unwalla Using response demands to test a... | 6-11: Dollois Autonomic sensitivity to anticipation:... | Now is the time for cognitive psychologists to work on education, training and policy Kim Forrin Foot-Seymour Fenesi | Second-Language Influences on First-Language Processing Across the Lifespan Molnar Palma Friesen Whitford |
| 10:30 | 6-02: Gul An ERP study of encoding and... | 6-07: Tomkins-Flanagan Neural BEAGLE: An analogue to the... | 6-12: Mugon Examining the antecedents to... | | |
| 10:45 | 6-03: Curtis The growing computational analysis of... | 6-08: Tripp Representations in a deep-network model... | 6-13: Larche Escaping the woes through flow?:... | | |
| 11:00 | *6-04: Vijayarajah Semantic versus perceptual attention... | 6-09: Joghataie Topographic Organization in Artificial... | 6-14: Anderson Measuring Mind-Wandering,... | | |
| 11:15 | 6-05: Gul Cortical activity during Encoding and... | 6-10: Meyers Reducing the Number of Nonnaive... | 6-15: Kurowski Moving forward on the search for the... | | |

Speaker Session #7: Sunday June 9, 11:30am – 12:30pm

| | STC 0010 Cognitive Neuroscience Chair: Togg Girard | STC 0020 Memory Chair: Jonathan Fugelsang | STC 0040 Auditory Perception Chair: Frank Russo | STC 0050 Working Memory Chair: Elisabet Service | STC 0060 Memory Chair: Geneviève Desmarais |
|---------|--|--|---|---|---|
| 11:30am | 7-01: Ewers More than a hit: Examining... | 7-05: D'Alessandro Culture, self-concept and event memory:... | 7-09: Armstrong Voice pitch-based size and dominance... | | *7-17: Dowling Tests of the Role of the Generation... |
| 11:45 | *7-02: Lamontagne Dopamine agonism restores reward... | 7-06: Zhang Perceived credibility of children's use... | 7-10: Vomberg I've got the music in me: An indirect... | 7-14: Service Compound words are more vulnerable to... | 7-18: Desmarais The impact of verbal and nonverbal... |
| 12:00 | *7-03: Gravelins Synthetic Estrogen and Cognition: Do... | *7-07: Walker Investigating the effects of task... | 7-11: Russo What is the role of the motor system in... | 7-15: Sun Resources allocation in visual working... | 7-19: Saint-Aubin The costs and benefits of producing the... |
| 12:15 | 7-04: Girard Hippocampal activation and spatial... | 7-08: Furlano Pre-diabetes accelerates neurocognitive... | 7-12: Gilmore The multimodal enhancement of beat... | 7-16: Pereira Recognition-induced-memory-alteration... | 7-20: Singer Independence of text explicitness and... |

Lunch 12:30pm – 1:15pm Box lunches in STC lower level

Speaker Session #8: Sunday June 9, 1:15pm – 2:15pm

| | STC 0010 Cognitive Neuroscience Chair: Colin Ellard | STC 0020 Decision Making Chair: Derek Koehler | STC 0040 Language Chair: Katherine White | STC 0050 Social Cognition Chair: Mathieu Gagnon | STC 0060 Memory Chair: Myra Fernandes |
|--------|---|---|--|---|---|
| 1:15pm | 8-01: Tavakoli | 8-05: Koehler | 8-09: Grenier | 8-13: Halilova | 8-17: Lee |

| | | | | | |
|------|---|---|---|---|---|
| | Auditory P3 indices of attention in... | Members of the public see less... | Recognition of voices in a foreign... | Affective forecasting in older... | Anxiety-Provoking Context Scenes Can... |
| 1:30 | 8-02: Addo The neural correlates of a modified... | 8-06: Ashburner Why do we give? Testing a two-stage... | 8-10: Emond Infants' understanding of reflexive and... | 8-14: Basharat The effect of exercise on multisensory... | 8-18: MacLellan Assessing the impact of word valence on... |
| 1:45 | 8-03: MacRae Investigating how the brain represents... | 8-07: Soro Debt repayment and anchoring effects:... | 8-11: Saryazdi The effects of elderspeak on real-time... | 8-15: Rego Does familiar face recognition survive... | 8-19: Dastgheib The effects of self-guided meditation... |
| 2:00 | *8-04: Goel Patients with lesions in the left... | *8-08: Meyers Inducing feelings of ignorance makes... | 8-12: Buchko Parent language and children's... | 8-16: Gagnon Emotional vocal bursts associated to... | *8-20: Corpuz On balance, does variability influence... |

Speaker Session #9: Sunday June 9, 2:15pm – 3:15pm

| | | | | | |
|--------|---|---|--|--|---|
| | STC 0010 Cognitive Neuroscience Ofir Yakobi | STC 0020 Language Chair: Brendan Johns | STC 0040 Perception Chair: David Shore | STC 0050 Symposium 9-1 | STC 0060 Symposium 9-2 |
| 2:15pm | 9-01: Bao Neurofunctional impact of chronic... | 9-05: Johns Gender bias at scale: Evidence from the... | 9-09: Lorentz Uncrossing crossed hands with visual... | Reasoning and belief revision in development Gualtieri Venkadasalam Ronfard | Approaches to teaching cognitive psychology: On-line experiments, computation, and active learning Murphy Harding Skye |
| 2:30 | | 9-06: Boylan Humour from familiar and unfamiliar... | 9-10: Freud Altered large-scale organization of... | | |
| 2:45 | 9-03: Yakobi Theoretical foundations of association... | *9-07: Reid The conceptual metaphor false memory... | 9-11: Aksay The impact of stimulus complexity on... | | |
| 3:00 | 9-04: Paoletti The influence of object affordances on... | 9-08: Pan The effects of language on object... | 9-12: Man Near, far, wherever you are: Differing... | | |

Break 3:15pm – 3:30pm: Ice cream in STC lower level

Professional Issues Sessions: Sunday June 9, 3:30pm - 4:30pm

STC 1012 - CSBBCS Career Workshop: From Graduate School to Beyond!

STC 0040 - NSERC Discovery Grant Information session and Question & Answer period

CSBBCS General Meeting: Sunday June 9, 4:30pm – 5:30pm

STC 0040 - Annual Meeting

- Announcement of Hebb Student Awards for Best Talk and Best Poster, plus Honourable Mentions

Poster Session #1 Friday June 7, 5:30pm – 7pm in Federation Hall, Columbia Room

P1-01 **Truax**, Not by the same token: A female orangutan (*Pongo pygmaeus*) is selectively prosocial.

P1-02 **Jordan**, Cognitive freezing in zoo-housed gorillas in response to images of self and group-mates.

P1-03 **Kadak**, Live to tell the tail: Testing Bayesian Models of Socially-Driven Decisions in Zebrafish.

P1-04 **Plater**, Attentional control settings are not accomplished through activated long-term memory.

P1-05 **Hayward**, The interplay between attention, mood, and vulnerability for depression.

P1-06 **Spencer-Mueller**, Note-taking for the win: Doodling does not reduce boredom or improve retention of lecture material.

P1-07 **Blumberg**, Impact of Perceptual Load on Long-Term Memory Retrieval.

P1-08 **Magotiaux**, Initiation and execution of physical and imagined movements.

P1-09 **Brant**, Resolving the issue of poor reliability in the differential study of attentional capacity.

P1-10 **Schimmel**, Does inversion disrupt averaging of emotional expressions.

P1-11 **Attiq**, Psychopathic personality traits, stress, and moral decision making.

P1-12 **Galarraga**, Inhibitory abilities moderate the relationship between nucleus accumbens reward sensitivity and measures of wellbeing.

P1-13 **Hudson**, Socio-Cognitive Processing of Referent and Valence Information in Childhood. *

P1-14 **Drody**, Feeling bored in a media-rich world: Does state boredom lead to media multitasking.

P1-15 **Scarfe**, Lifting the disguise: Negative sounds cause multiline slots players to react to “losses disguised as wins” as the losses they are rather than the wins they seem.

P1-16 **Gauder**, Learning and categorization of objects through haptic exploration.

P1-17 **Larche**, Are video-game loot boxes gambling?: Examining the subjective, physiological and behavioural experience of loot box openings in Overwatch.

P1-18 **Thurston**, Mental rotation task performance dependent on menstrual cycle phase in a gender expansive Thai population.

P1-19 **Kyliuk**, Hello from the right side: Turning biases in emotional contexts at arrivals and departures.

P1-20 **Morrison**, The effects of individual language differences on the bilingual advantage in working memory.

P1-21 **Muraki**, Semantic richness effects and abstract verb representation.

P1-22 **Cnudde**, Neuroplasticity in lexical processing: An exploration of training-related neural changes in younger adults.

P1-23 **Hall**, Indirect Articles and the Electrophysiological Correlates Associated with Integrating and Updating Situation Models.

- P1-24 **Hong**, Recall and maintenance of autobiographical memories from different visual perspectives.
- P1-25 **Srikantharajah**, Investigating the function of peripheral vision in early scene processing.
- P1-26 **Saleh**, Resistance to proactive interference and splitting in interpersonal stress: An experimental study.
- P1-27 **Blue**, How Gender Pronouns Impact the Cognitive Processes of Reading.
- P1-28 **Wright**, Circadian contributions to individual differences in performance rates.
- P1-29 **Mohamed**, Cross-linguistic Effects of Intention Recognition in Malay-English bilinguals.
- P1-30 **Taikh**, Influence of semantic information on morphological parsing of masked compound words.
- P1-31 **Malhi**, Concreteness with auditory versus visual presentations. *
- P1-32 **Chi**, The Flexibility of Radical Position Coding in Chinese Character Recognition: Evidence From Transposed Radical Priming Effects.
- P1-33 **Moreau**, Statistical learning and how it relates to language and reading abilities: An event-related potential study.
- P1-34 **Gooding**, Punny and funny: Semantic association in pun reading.
- P1-35 **Brainin**, Differences between explicit and implicit memory processes during language learning: Evidence from fNIRS.
- P1-36 **Griffin**, Spatial probability learning, voluntary attention, and gaze.
- P1-37 **Sclodnick**, A novel false recognition effect: The impact of congruency on illusory memory.
- P1-38 **Simpson**, Hooked on a feeling: how emotional mood and cues bias autobiographical memory recall.
- P1-39 **Ensor**, Controlling confounds in the list-length effect in cued recall.
- P1-40 **Guitard**, Forward and Backward recall for visuospatial information are functionally equivalent.
- P1-41 **Bui**, Assessing Story Recall in Patients with Mild-Cognitive Impairment (MCI).
- P1-42
- P1-43 **McAuley**, Only the weak survive: Semantic effects in retrieval-induced forgetting.
- P1-44 **Lo**, The role of napping in consolidating clinically-relevant information in healthy and depressed participants.
- P1-45 **Blakley**, Memory for temporal order in action comes last.
- P1-46 **Alaifan**, Memory for Pairs of Cheers and Tears: Individual Differences in Associative Memory.
- P1-47 **Geary**, Feeling positive or negative? The role of positive and negative framing in metacognitive judgements in reasoning.
- P1-48 **Mitton**, The impact of emotion on memory predictions: A psychophysiological approach.

P1-49 **MacKay**, Is responding with your eyes a more valid measure of number line estimation than responding with a mouse.

P1-50 **Mendoza-Duran**, Explicit counting for discriminating temporal intervals.

P1-51 **Morgan**, Psychology-specific education strengthens students' implicit understanding of psychology as a science.

P1-52 **McFeaters**, Expectation's Expansive Effect on Subjective Duration Reflects Low-Level Processes.

P1-53 **Loucks**, Speed perception is enhanced for familiar human motion.

P1-54 **LeGuerrier**, A fully transparent replication study of precognitive detection of reinforcement using an expert consensus design.

P1-55 **Joseph**, The role of individual differences in judging the authenticity of smiles including traces of negative emotions.

P1-56 **Fenerci**, Dissociating the effect of autobiographical memory retrieval on the cognitive and affective components of empathy.

P1-57 **Bowers**, The impact of acute cardiovascular exercise on cognitive performance in university students.

P1-58 **Davari**, Chronic early-life social isolation and hippocampal-dependent learning and memory in male and female rats.

P1-59 **McPhee**, Dual-task interference as a function of task load.

P1-60 **Wood**, Does motor system engagement contribute to the memory advantage for vocal melodies.

Poster Session #2 Saturday June 8, 12:45pm – 2:15pm in STC Atrium

P2-01 **Singh**, The role of external limb perturbation in visually-guided locomotion. *

P2-02 **Kavanagh**, The effect of background context on production. *

P2-03 **Bianchi**, The Redundancy Effect on Mind Wandering in Online Video Lectures. *

P2-04 **Sibalis**, Identifying youth at highest risk for avoidant coping. *

P2-05 **Roberts**, Drawing and memory: Using visual production to alleviate concreteness effects. *

P2-06 **Walker**, Better the Devil you Know Than the Devil you Don't: Predictability Influences Moral Judgments. *

P2-07 **Jabbari**, Influence of physical self-motion cues on route learning while driving. *

P2-08 **Wang**, Music training improves neural processing of second language reading with enhanced top-down attentional modulation. *

P2-09 **Galang**, Motor excitability during pain observation does not match behavioural response times after pain observation: A pre-registered study. *

P2-10 **Malik**, Social exclusion reduces the sense of agency: evidence from intentional binding. *

- P2-11 **Brown**, Emotion Enhancement of Memory in Face Recognition: Encoding, Retrieval, and Gaze Behaviours. *
- P2-12 **Hedayati**, Resilience, trauma, and social desirability in Canadian university students. *
- P2-13 **Hedayati**, The impact of social anxiety on the neural processing of emotional faces. *
- P2-14 **Cochrane**, Color imagery overrides the representations driving inter-trial priming effects. *
- P2-15 **Kenney**, The effect of visuo-vestibular onset asynchrony and velocity on acceleration detection. *
- P2-16 **Salahub**, Neural evidence for the inefficient selection and storage of fear-related distractors in anxious individuals. *
- P2-17 **Gabriel**, Age-related hearing loss and falls: Characterizing the link between the auditory system and the vestibular system. *
- P2-18 **Morrison**, Task switching and bilingualism in young and older adults: a behavioral and electrophysiological investigation.
- P2-19 **Lutfallah**, Quantifying the subject meaning of words in the English language.
- P2-20 **van den Boogaard**, Unitization of audio-visual conjunctions is reflected by shifts in processing architecture.
- P2-21 **Wilson**, Using Resting-State fMRI to Examine the Neural Underpinnings of Individuals Differences in Approach- and Avoidance-Related Personality Traits.
- P2-22 **Stange**, Information format, decision making, and individual differences in scratch card gambling.
- P2-23 **Littrell**, Not so fast: Individual Differences in Impulsiveness are only a Modest Predictor of Cognitive Reflection.
- P2-24 **Vokey**, Repetition Blindness and Retrieval-Time Effects of Full- vs. Partial-Report Following the Rapid Serial Visual Presentation (RSVP) of Letters in Words.
- P2-25 **Jian**, A computational description of addiction as a learning process.
- P2-26 **Bhati**, Striking a balance between having more sports or more time on sport: Effect of extracurricular sports on postural stability among different standing postures in children.
- P2-27 **Leonard**, Increasing scientific reasoning to reduce endorsement of pseudoscience.
- P2-28 **Martyn**, Using mindfulness meditation to improve the emotional well-being of graduate students.
- P2-29 **Busa**, Emotional enhancement of memory in aging and mild cognitive impairment.
- P2-30 **Wong**, Pointing towards home: Updating and transforming simulated optic flow information affects individual differences in computerized path integration tasks.
- P2-31 **Lecompte**, Can priming counter the mismatch effect in reading.
- P2-32 **Yang**, Letter position coding flexibility in bilinguals.
- P2-33 **Borsatto**, The Aphasia Friendly Business Campaign.

- P2-34 **Schmidt**, Would you rather buy a Robble or Ochet: The influence of orthographic neighborhood on nonword recall.
- P2-35 **Kang**, The role of rumination in the effect of executive function on math performance in older elementary school students.
- P2-36 **Li**, Is there a cognate priming advantage for Chinese-English bilinguals.
- P2-37 **Farjam**, Costs and benefits of using a non-dominant language in simulated negotiation tasks.
- P2-38 **Mackie**, The effects of studying, testing, and distraction on memory.
- P2-39 **Mirzaagha**, Clearing prospective memory for takeoff: cognitive networks adapt to workload demands during flight.
- P2-40 **Kamal**, Facial Processing in Working Memory.
- P2-41 **Farmahan**, Processing fluency does not mediate judgments of learning for high and low frequency words.
- P2-42 **Sonier**, Associative memory and aging : The role of integrative associations.
- P2-43 **MacEwan**, An investigation of memory code formation for multisensory object identification.
- P2-44 **Gamba**, Controlling unwanted information: The effects of retrieval induced forgetting on the probability and fidelity of long-term visual representations.
- P2-45 **Tkatchyk**, A Cross-cultural Study Examining Differences in Children's Memory Processes: A Comparison Between Chinese and Canadian Children.
- P2-46 **Todorovic**, Taking another look at suppression-induced forgetting: A meta-analytic synthesis of the think/no-think paradigm.
- P2-47 **Dietze**, Spatial memory in the Goto-Kakizaki rat model of diabetes.
- P2-48 **Quartararo**, Influences of evidence and emotion in motivated reasoning.
- P2-49 **Laursen**, Challenges measuring the influence of perceptual fluency on judgments of learning (JOLs).
- P2-50 **Nienhuis**, Audiovisual rapid recalibration: A proposed alternative method of measurement.
- P2-51 **Tachibana**, The benefit of scene context on the parafoveal processing of object.
- P2-52 **Garapick**, Vestibular contribution to the crossed-hands deficit.
- P2-53 **Penrose**, Developing a memory representation: Do we visualize or do we verbalize objects as we explore them.
- P2-54 **Redko**, Perceptions of Food Allergy Importance.
- P2-55 **Teskey**, Representations automatically evoked by a depicted hand.
- P2-56 **Farwaha**, Socioeconomic status and self-other processing: Socioeconomic status predicts interference in the automatic imitation task.
- P2-57 **Sohrabi**, Paranormal Belief and Attitudes toward Human Rights.
- P2-58 **Folmer**, Intermittent sucrose access: Sweetness vs. calories.

P2-59 **Bedard**, Cognitive impairment in posttraumatic stress disorder.

P2-60 **Denis**, Bistable Perception in Overlapped Face Stimuli.

P2-61 **Hall**, Are Emotional Memories Harder to Intentionally Forget? A Meta-Analysis.

P2-62 **Chladny**, Neonatal Δ^9 Tetrahydrocannabinol exposure increases depression-related behaviours in adult rats.

P2-63 **Baik**, A gamified tool for measuring reflexive and sustained attention towards pain-relevant stimuli with diagnostic potential

P2-64 **Uy**, Response and location feature bindings across imagined and perceived objects

Poster Session #3 Sunday June 9, 8:45am – 10:15am in STC Atrium

P3-01 **Terry**, The effects of exogenously-directed touch on multiple-object tracking (MOT).

P3-02 **Charbonneau**, The retrieval of representations in episodic visual long-term memory induces a partial reactivation of the processes present during encoding.

P3-03 **McCormick**, Inhibitory Control Settings and the Simon Effect

P3-04 **McCormick**, Two timers? Endogenous and exogenous alerting in an intuitive temporal cueing task.

P3-05 **Harrison**, Resolving the issue of reliability in the measurement of sustained attention.

P3-06 **Fikree**, The influence of color imagery on spatial facilitation and Inhibition of Return effects.

P3-07 **Redden**, Integrating open science in the teaching of cognitive research methods.

P3-08 **Lee**, Decoding electrophysiological correlates of task-dependent attention to object features.

P3-09 **Singh**, A failure to replicate the endogenous Inhibition of Return effect using an onset detection task.

P3-10 **Kruger**, Slots rein in the wandering mind and induce flow in problematic gamblers.

P3-11 **Gobin**, The Restorative Effects of Greenspace and Spiritual Environments.

P3-12 **Lustic**, Aging, Movement Variability and Motor Adaptation.

P3-13 **Hoang**, Behavioural discrimination for gist of everyday scenes.

P3-14 **Forward**, Relating pupillometric and behavioural indices of mental effort in item-method directed forgetting.

P3-15 **Macdonald**, Can stress sensitivity, reactivity, and resiliency be predicted using scene discrimination.

P3-16 **Al-Azary**, Metaphor Comprehension in a Deep Dyslexic Participant.

- P3-17 **Copelli**, Internal simulation of speech emotion.
- P3-18 **Wright**, Faking bad: Using event-related spectral perturbations to examine intentionally invalid memory performance.
- P3-19 **Paoletti**, The effect of rTMS to the primary motor cortex on near-hand target processing.
- P3-20 **Kara-Yakoubian**, Examining the two-stage model of donation decisions: What about the proportion dominance effect.
- P3-21 **Chu**, Using a novel conflict paradigm to understand the role of the medial temporal lobe in approach-avoidance conflict decision-making and outcome uncertainty.
- P3-22 **Mastroianni**, A comparison of craved and favourite foods in undergraduate students.
- P3-23 **Alazary**, Logic Vs. Preference: Differentiating Between Decision Strategies and their Implications on Gender Perceptions.
- P3-24 **Zhou**, Priors and posteriors: Teaching Bayesian reasoning to learners varying in knowledge of probability.
- P3-25 **Sadiq**, Temporal perception of multisensory cues as potential predictors of cybersickness.
- P3-26 **Bourassa**, Children's Sensitivity to Linguistic Context in Spelling.
- P3-27 **Sharkey**, The use of pronouns to indicate interest or disinterest in an online textual conversation.
- P3-28 **Deschamps**, Cross-modal noise compensation in audiovisual words.
- P3-29 **Whitwell**, Effects of a partial second language on third language beginners' reading of pronominal clitics.
- P3-30 **Ford**, A system of their own: Is number naming special.
- P3-31 **Arbex**, Word frequency effect: The relationship of lexical entries between visual and auditory language.
- P3-32 **Ohman**, The psychometric properties of a novel semantic battery for mild cognitive impairment.
- P3-33 **Ohman**, Does the association between social support availability and memory differ between men and women? An analysis of the Canadian Longitudinal Study on Aging.
- P3-34 **Tenk**, Degree of food processing influences memory of food images in females.
- P3-35 **Carvalho**, Limits on test-potentiated new learning: A test of between-list relationships.
- P3-36 **Ye**, Working memory capacity affects trade-off between quality and quantity only when stimulus exposure duration is sufficient: Evidence for the two-phase model.
- P3-37 **Spear**, Defining distinctiveness: A computational and experimental analysis.
- P3-38 **Shulman**, Effects of curiosity and reward on memory for relevant and irrelevant information.
- P3-39 **Tan**, Investigating Memory for Pictures in Directed Forgetting using the Double-Item Paradigm.

- P3-40 **Sohrabi**, Risk-Taking and Delay Discounting as Predictors of Academic Procrastination.
- P3-41 **Wakeham-Lewis**, Production Using a Distinctive Voice is Equivalent to Using One's Own Voice.
- P3-42 **Pringle**, The effect of variability correspondence in unfamiliar face matching.
- P3-43 **Assadourian**, Ambiguity as a Driving Factor of the Effectiveness of Doublespeak
- P3-44 **Courtenay**, Functional connectivity of brain activation is moderated by spatial strategy use in schizophrenia.
- P3-45 **Zendel**, The impact of music training on cognitive abilities in older adults.
- P3-46 **Sun**, Students in China know recent Western popular music but do not show a typical Western "Reminiscence Bump".
- P3-47 **Loehr**, Prospective power analysis for multilevel designs using SIMR.
- P3-48 **Mustafa**, The LEAP3-Q: Is it a reliable bilingual language proficiency measure.
- P3-49 **Kenny**, Effect of refresh rate on motion smoothness perception and vection strength.
- P3-50 **Chang**, Image reconstruction reveals the visual content associated with perception and memory for facial expression in borderline personality disorder.
- P3-51 **Peck**, The effect of arousal, valence, and subjective liking of music on visually induced motion sickness.
- P3-52 **Pearson**, The role of near work, time outdoors, and physical activity in myopia development.
- P3-53 **Jin**, Where is your origin? Individual differences in spatial updating using optic flow.
- P3-54 **Patel**, The contributions of field of view and eye movements in allocentric spatial navigation: insights gained from older adults.
- P3-55 **Baker**, Accuracy of athletic trainers in judging the authenticity of facial expressions of pain in children: an eye tracking study.
- P3-56 **Gravelle**, Self Responsiveness and Disclosure in Relationship Formation During Online Conversation.
- P3-57 **Greenman**, Online communication: accuracy of judging personality traits.
- P3-58 **Fraser**, The dynamic synergy of brain and body to support complex cognitive tasks.
- P3-59 **Fila**, The roles of mood and arousal in anticipating cognitive effort for a sustained attention task.
- P3-60 **Schneeberger**, Does attention modulate the Colavita effect.
- P3-61 **Deotto**, Cognitive and environmental contributions to mental health outcomes after pediatric stroke.
- P3-62 **Ghadie**, Metacognition and uncertainty during a visual classification task.
- P3-63 **Rovetti**, The application of functional near-infrared spectroscopy to auditory research.
- P3-64 **Strauss**, Noticing and detecting change: Is there a role for spontaneous reminding.